

AVON, OH 44011
TELEPHONE: (440) 937-7000

MATERIAL SAFETY DATA SHEET

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LOCTITE CONTACT CEMENT
01-81523

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LOCTITE CONTACT CEMENT
Item No.: 01-81523
Part No.:
Product Type: Contact Cement

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
CYCLOHEXANE*	110-82-7	40-60
METHYL ETHYL KETONE*	78-93-3	10-20
Neoprene	9010-98-4	10-20
n-PROPYL ACETATE	109-60-4	5-10
Proprietary Resin Compound	Proprietary	5-10
Rosin	068083-03-4	1-5

* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
CYCLOHEXANE	300 ppm TWA 1030 mg/m3	300 ppm TWA 1030 mg/m3	None
METHYL ETHYL KETONE	200 ppm TWA 590 mg/m3	200 ppm TWA 590 mg/m3	None
n-PROPYL ACETATE	200 ppm TWA 835 mg/m3	200 ppm TWA 840 mg/m3	None
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
METHYL ETHYL KETONE	300 ppm 885 mg/m3	300 ppm 885 mg/m3	
n-PROPYL ACETATE	250 ppm 1040 mg/m3	250 ppm 1050 mg/m3	

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye, skin and respiratory tract irritation.
May cause drying or defatting of skin leading to dermatitis.
Inhalation of vapors may cause central nervous effects including dizziness, weakness, nausea, and headache.
Ingestion may cause irritation, nausea, vomiting and diarrhea.

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3. HAZARDS IDENTIFICATION

(continued)

Overexposure to methyl ethyl ketone may cause lung,
kidney and liver damage.

Primary Routes of Entry: Skin, eye, inhalation, ingestion

Signs and Symptoms
of Exposure:

Eye, skin, and respiratory tract irritation.
Dizziness, weakness, headaches and nausea.

Existing Conditions

Aggravated by Exposure: Skin disorders

Ingredients	Literature Referenced	Carcinogen		
	Target Organ and Other Health Effects	NTP	IARC	OSHA
CYCLOHEXANE	CNS IRR	NO	NO	NO
METHYL ETHYL KETONE	CNS IRR	NO	N/A	NO
Neoprene	NTO	NO	N/A	NO
n-PROPYL ACETATE	CNS IRR	NO	NO	NO
Proprietary Resin Compound	No Data	NO	NO	NO
Rosin	No Data	NO	NO	NO

Abbreviations

N/A Not Applicable
IRR Irritant

CNS Central nervous system
NTO No Target Organs

4. FIRST AID MEASURES

Ingestion: Do NOT induce vomiting unless directed to do so by a physician. Never give anything by the mouth to an unconscious person. Get medical attention immediately.

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Skin Contact: Remove contaminated clothing, wash immediately with soap and water. Wash contaminated clothing thoroughly before reuse. If irritation persists, obtain medical attention.

Eye Contact: Flush thoroughly with water for at least 15 minutes. If irritation persists, obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: < 0°F

Recommended Extinguishing Agents: Water fog, carbon dioxide, foam, or dry chemical.

Special Firefighting Procedures: Water spray can be used to cool containers. A solid

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5. FIRE FIGHTING MEASURES

(continued)

stream of water directed on hot and/or burning material
may cause violent frothing.

Hazardous Products formed
by Fire or Thermal Decomposition: Oxides of carbon, hydrocarbons, chlorine compounds.
Unusual Fire or
Explosion Hazards: None

Explosive Limits:
(% by volume in air) Lower Not available
(% by volume in air) Upper Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
of spill or leak: Eliminate all sources of ignition. Ventilate area.
Clean up spills immediately. Soak up with an inert
absorbent. Clean residual material with soap and water.
Placed in a closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Keep in a cool and well ventilated area. Keep container
closed tightly closed and sealed until ready to use.
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
Handling: Keep away from heat, sparks, and flame. Keep container
closed. Use only with adequate ventilation.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Chemical splash goggles or safety glasses with side
shields.
Skin: Use chemical resistant, impermeable gloves.
Ventilation: Use local exhaust ventilation to maintain airborne
exposure levels below established exposure limits.
Respiratory: Use NIOSH approved respirator as required to prevent
overexposure.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish Liquid
Odor: Solvent
Boiling Point: More than 300°F
pH: Does not apply
Solubility in Water: Insoluble
Specific Gravity: 0.827
Volatile Organic Compound
(EPA Method 24) Not available
Vapor Pressure: Not available

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9. PHYSICAL AND CHEMICAL PROPERTIES

(continued)

Vapor Density: Not available
Evaporation Rate
(Ether = 1) More than butyl acetate

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Strong oxidizing agents.
Conditions to Avoid: Keep away from heat, spark and flame.
Hazardous Decomposition
Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Dispose of following EPA and local regulations. Use of an approved hazardous waste disposal contractor is recommended.

EPA Hazardous Waste
Number D001/D035 - Hazardous waste per 40CFR 261.21 and a TCLP waste per 261.24/Methyl Ethyl Ketone.

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Consumer Commodity (Not more than one liter);
Adhesives, containing a flammable liquid (More than one liter)

Hazard Class or

Division:

ORM-D (Not more than one liter);
Class 3, Packing Group II (More than one liter)

Identification Number: None (Not more than one liter);

UN 1133 (More than one liter)

Marine Pollutant:

None

IATA

Proper Shipping Name: Consumer Commodity (Not more than 500 ml);
Adhesives, containing a flammable liquid (More than 500 ml)

Class or Division: Class 9 (Not more than 500 ml);

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14. TRANSPORTATION INFORMATION

(continued)

Class 3, Packing Group II (More than 500 ml)
UN or ID Number: ID 8000 (Not more than 500 ml);
UN 1133 (More than 500 ml)

15. REGULATORY INFORMATION

CA Proposition 65: WARNING: This product contains chemicals known to
the State of California to cause cancer.

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 2
Fire Hazard: 3
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 2*
Flammability Hazard: 3
Reactivity Hazards: 0
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

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